

II. Amendments To The Claims

Claims 1-3 (withdrawn)

Claim 4 (previously amended): A method for screening a modulator of cell migration comprising the steps of:

- C²
- (a) forming a gel matrix comprising Cyr6l and a suspected modulator of cell migration;
 - (b) preparing a control gel matrix comprising Cyr6l;
 - (c) seeding fibroblast cells presenting an $\alpha_6\beta_1$ integrin onto the gel matrix of step (a) and the control gel matrix of step (b);
 - (d) incubating said fibroblast cells;
 - (e) measuring the levels of cell migration by inspecting the interior of the gel matrix of step (a) and the control gel matrix of step (b) for cells;
 - (f) comparing the levels of cell migration measured in step (e), whereby a modulator of cell migration is identified by its ability to alter the level of cell migration in the gel matrix of step (a) when compared to the level of cell migration in the control gel matrix of step (b).

Claims 5-6 (cancelled)

Claim 7 (original): The method according to claim 4 wherein said fibroblast cells are human cells.

Claim 8 (previously amended): The method according to claim 4 wherein said gel comprises matrix basement membrane proteins.

Claims 9-23 (withdrawn)

Claim 24 (previously added): The method according to claim 4 wherein said gel matrix comprises one or more basement membrane proteins selected from the group consisting of laminin, collagen, fibrin, nidogen and heparin sulfate proteoglycan.

Claim 25 (new): The method of claim 24 wherein said basement membrane protein is a heparin sulfate proteoglycan.